

REMARKS

Claims 14, 16, and 17 were pending in the present application when last examined. Applicant has amended claim 14, 16, and 17. Claims 14, 16, and 17 remain pending in the present application.

§102 Rejections

The Examiner rejected claims 14, 16, and 17 under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,310,368 ("Yagura").

Applicant has amended claim 14 to recite "an emitter ... comprising a first sidewall with a first reentry feature consisting entirely of a first undercut profile" For example, Figs. 6F and 8D illustrate that the sidewall of emitter 116 consists entirely of an undercut profile (i.e., a profile extending inward from top to bottom). On the other hand, Yagura discloses the sidewall of its emitter 106 does not consist entirely of an undercut profile. Instead, as shown in Fig. 1C of Yagura, emitter 106 has a ramp profile (i.e., a profile that extends outward from top to bottom). Thus, amended claim 14 is patentable over Yagura for reciting "an emitter ... comprising a first sidewall with a first reentry feature consisting entirely of a first undercut profile."

Claims 16 and 17 depend from amended claim 14 and are patentable for at least the same reasons as amended claim 14.

Furthermore, Applicant has amended claim 16 to recite a "collector [that] comprises a third sidewall with a third reentry feature consisting entirely of a third undercut profile" For example, Fig. 8D illustrates that the sidewall of collector 112 consists entirely of an undercut profile (i.e., a profile extending inward from top to bottom). On the other hand, Yagura discloses the sidewall of its collector 104 does not consist entirely of an undercut profile. Instead, as shown in Fig. 1L of Yagura, collector 112 has both ramp and undercut profiles (i.e., a profile that extends inward from top to middle and then outward from middle to bottom). Alternatively, as shown in Fig. 2L of Yagura, collector 112 has a vertical profile. Thus, amended claim 16 is patentable over Yagura for reciting "collector [that] comprises a third sidewall with a third reentry feature consisting entirely of a third undercut profile"

Summary

In summary, claims 14, 16, and 17 were pending in the above-identified application. Applicant has amended claims 14, 16, and 17. For the above reasons, Applicant respectfully

requests the Examiner to withdraw the claim rejections and allow claims 14, 16, and 17. Should the Examiner have any questions, please call the undersigned at (408) 382-0480x206.

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Respectfully submitted,



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